

ITEM TRACKING AND PROCESSING SYSTEMS AND METHODS

ABSTRACT OF THE DISCLOSURE

Systems and methods are provided for processing one or more items. The systems
5 involve a data acquisition device and a display device. At least one data acquisition device and
the display device may be mounted on frames having a see-through display and an orientation
sensor. An item tracking system tracks the items to be processed. The orientation sensor
determines the orientation and position of the wearer of the data acquisition device and the
display device such that the wearer of the device may see information about or related to the
10 items in the wearer's field of view. In a see-through display, this information may appear to be
proximately superimposed on the item. A method of using the invention includes viewing
characteristic information about items on a display device and processing the items in
accordance with the characteristic information.